

# Product Datasheet

## IKK beta Antibody NB600-477

Unit Size: 0.1 ml

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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**NB600-477**

IKK beta Antibody

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	Serum
<b>Purity</b>	Delipidation and Defibrination
<b>Buffer</b>	Antiserum

**Product Description**

<b>Description</b>	<p>This product was prepared from monospecific antiserum by delipidation and defibrination</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
<b>Host</b>	Rabbit
<b>Gene ID</b>	3551
<b>Gene Symbol</b>	IKKBK
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	This product may react non-specifically with other proteins. Control peptide will compete only with the specific reaction of antiserum with the IKKb subunit.
<b>Specificity/Sensitivity</b>	Anti-IKKb may react non-specifically with other proteins. Control peptide will compete only with the specific reaction of antiserum with the IKKb subunit.
<b>Immunogen</b>	IKK beta peptide corresponding to the highly conserved C-terminus region of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH). (Uniprot: O14920)

**Product Application Details**

<b>Applications</b>	Western Blot, Simple Western, Dot Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:200-1:1000, Simple Western, ELISA 1:1000-1:5000, Immunohistochemistry 1:200-1:1000, Immunohistochemistry-Paraffin 1:10-1:500, Dot Blot
<b>Application Notes</b>	<p>This product was tested by immunoblot and found to be reactive against IKK-b at a dilution of 1:1000 followed by reaction with Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&amp;L] (Goat) . Anti-IKKb is suitable for the detection by immunoblot of human, mouse and rat IKKb showing an 87 kDa band. Anti-IKKb has been tested in IHC using human placenta tissue.</p> <p><a href="#">Simple Western Antibody Database</a> for Simple Western validation: tested in HeLa-/EGF, Jurkat/TNF; separated by charge, antibody dilution of 1:50.</p>



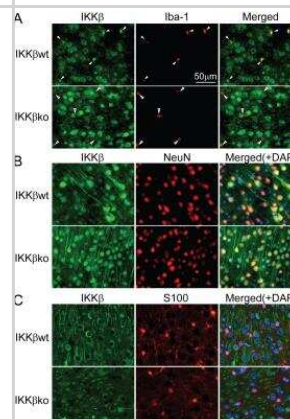
## Images

**Western Blot: IKK beta Antibody [NB600-477]** - Western blot of anti-IKKBeta antibody reacted with HeLa cell extract. All incubations except color development were performed using TBS supplemented with 0.1% Tween-20 at room temperature. The membrane was blocked in 5% dry milk for 2 h. After washing, a 1:500 dilution of the primary antibody was added to the membrane and incubated for 2 h. Washes with buffer were performed 4 times for 5' each. The western blot was incubated with secondary antibody (HRP Goat-a-Rabbit IgG [H&L]) diluted 1:2,000 for 1h. Washes with TBS preceded color development.

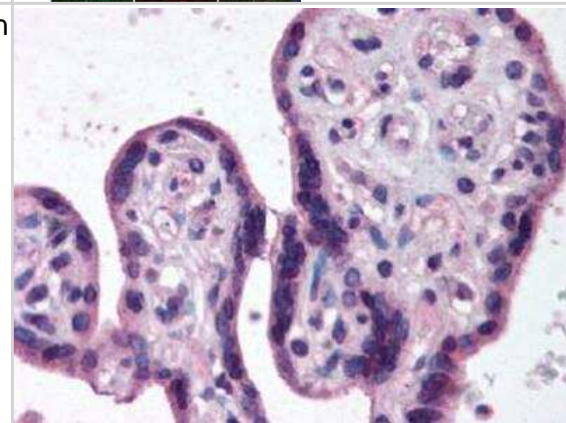
87 kDa →



**Immunohistochemistry-Paraffin: IKK beta Antibody [NB600-477]** - Paraffin-embedded mouse brain sections (IKK beta KO or IKK beta WT) were stained with IKK beta (green). Note: during staining, remember to add 0.1-0.3% Triton-100 in the antibody incubation buffer. See PMID 25253847 for further details regarding the experimental conditions. Image from verified customer review.



**Immunohistochemistry-Paraffin: IKK beta Antibody [NB600-477]** - Human placenta tissue.



## Publications

Liu Y, Liu X, Hao W et al. IKKbeta deficiency in myeloid cells ameliorates Alzheimer's disease-related symptoms and pathology. J Neurosci 2014-09-24 [PMID: 25253847]



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### **Products Related to NB600-477**

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NB600-477PEP	IKK beta Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-87699PEP	IKK beta Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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